

THE INVENTION CLAIMED IS:

Patent claims

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1. A mounting for a seat (3) which rests on an underframe (1), having a spring element (4) arranged on the underframe (1), wherein
 - 5 a) the spring element (4) is positioned in a casing (5,5';6,6';600,600') and allows the latter to move elastically in the horizontal plane; and
 - b) the casing (5,5';6,6';600,600') is connected to the seat (3) or forms a part thereof.
- 10 2. The mounting as claimed in claim 1, wherein the spring element (4) is arranged at the top of an axial column (2) of the underframe (1).
- 15 3. The mounting as claimed in claim 1 or 2, wherein the spring element (4) is arranged on an extensible, axially acting spring (2).
- 20 4. The mounting as claimed in one of claims 1 to 3, wherein the spring element (4) is arranged at the top of an axially extensible push rod of a pneumatic spring (2).
5. The mounting as claimed in one of claims 1 to 4, wherein the spring element (4) has an elastic outer sleeve (43), e.g. a rubber body.
- 25 6. The mounting as claimed in one of claims 1 to 5, wherein
 - a) the casing (5,5';6,6') has a bottom, cup-like part (5,5') in which the spring element (4) is seated; and
 - b) the spring element (4) and the casing (5,5';6,6') have an axial through-passage (45;61,61').
- 30 7. The mounting as claimed in one of claims 1 to 5, wherein
 - a) the casing (600,600'), in which the spring element (4) is seated, is a cup-like part (600,600') which encases the spring element (4) from above; and
 - b) the spring element (4) and the casing (600,600') have an axial through-passage (45,61").

8. The mounting as claimed in one of claims 1 to 7, wherein

- a) the spring element (4) comprises an inner, preferably metallic core (44) and the elastic outer sleeve (43), which is arranged thereon; and
- b) the core (44) has an opening (45), preferably an axial through-passage (45), for accommodating the column (2).

9. The mounting as claimed in one of claims 1 to 8, wherein the radial, outer circumference of the outer sleeve (43) of the spring element (4)

- a) is cylindrical; or
- b) tapers conically in the upward direction; or
- c) is essentially of cylindrical shape with a top and bottom reduction in diameter.

10. The mounting as claimed in one of claims 1 to 6, 8 or 9, wherein

- a) the spring element (4) is restrained at the top by a top molding (6,6'); and
- b) the top molding (6,6') is connected to the casing (5,5'); and
- c) the seat (3) is fastened on the top molding (6).

11. The mounting as claimed in one of claims 1 to 10, wherein the core (44) is fixed to the outer sleeve (43).

12. The mounting as claimed in one of claims 1 to 5, 7 to 9 or 11, wherein

- a) the casing (600,600'), which is positioned on the spring element (4) from above, is fixed to the outer sleeve (43); and
- b) the casing (600,600') may have a flange (601') for connection to the seat.

13. The mounting as claimed in one of claims 1 to 12, wherein

- a) provided in the top molding (6,6') or in the casing (600,600'), which is positioned on the spring element (4) from above, coaxially with the pneumatic-spring-forming central column (2), is a through-opening (61,61',61'') for the purpose of actuating the triggering push rod (23) of the pneumatic spring; and
- b) the axial through-passage (45) narrows conically.

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- add A' \rightarrow